

Amendments to the Specification

Please amend the specification, as follows:

Page 1, lines 1-2, replace the title paragraph with the following amended paragraph:

METHOD AND APPARATUS FOR MOLDING AND
CURING A TYRE FOR A VEHICLE WHEEL[[S]]

Page 1, line 4, delete the paragraph “Description” in its entirety:

Page 1, line 5, add the following paragraph in the form of a section heading after the title
“METHOD AND APPARATUS FOR MOLDING AND CURING A TYRE FOR A VEHICLE
WHEEL” and prior to the paragraph beginning “The present invention relates to a method”

CROSS-REFERENCE TO RELATED APPLICATIONS

Page 1, line 5, add the following new paragraph after the heading “CROSS-
REFERENCE TO RELATED APPLICATIONS” added above and prior to the paragraph
beginning “The present invention relates to a method”

This application is a national-phase entry under 35 U.S.C. § 371 from International
Application No. PCT/EP2003/012631, filed November 12, 2003, in the European Patent Office,

the content of which is relied upon and incorporated herein by reference. Additionally, Applicants claim the right of priority under 35 U.S.C. § 119(a) - (d) based on International Application No. PCT/IB02/04833, filed November 20, 2002, in the International Bureau of the World Intellectual Property Organization.

Page 1, line 5, add the following new paragraph in the form of a section heading after the cross-reference to related applications added above and prior to the start of the paragraph beginning “The present invention relates to a method”

BACKGROUND OF THE INVENTION

Page 1, line 5, add the following new paragraph in the form of a section subheading after the heading “BACKGROUND OF THE INVENTION” added above and prior to the start of the paragraph beginning “The present invention relates to a method”

Field of the Invention

Page 1, line 9, add the following new paragraph in the form of a section subheading prior to the start of the paragraph beginning “In a tyre production cycle”

Description of the Related Art

Page 3, line 16, add the following new paragraph in the form of a section heading prior to the start of the paragraph beginning “The Applicant could verify”

SUMMARY OF THE INVENTION

Page 7, line 8, add the following new paragraph in the form of a section heading prior to the start of the paragraph beginning “Further features and advantages”

BRIEF DESCRIPTION OF THE DRAWINGS

Page 7, line 34, add the following new paragraph in the form of a section heading prior to the start of the paragraph beginning “With reference to Fig. 1”

DETAILED DESCRIPTION OF THE EXEMPLARY EMBODIMENTS

Add a new page 22 after the claims, adding the following ABSTRACT OF THE DISCLOSURE. A new, separate page 22 including the ABSTRACT OF THE DISCLOSURE is enclosed.

ABSTRACT OF THE DISCLOSURE

A method of molding and curing a tyre for a vehicle wheel includes building an unvulcanized tyre on a toroidal support; heating the support; pressing an inner surface of the tyre

against an outer surface of the support; and pressing an outer surface of the tyre against walls of a molding cavity defined in a vulcanization mold. The inner surface of the tyre is pressed against the outer surface by at least one secondary working fluid. The outer surface of the tyre is pressed against the walls by at least one primary working fluid. The at least one primary working fluid is heated, causing vulcanization of the tyre. An apparatus for molding and curing a tyre for a vehicle wheel includes the vulcanization mold, at least one passage device, a feeding device, and first and second heating devices. It may also include an airtight device arranged to receive the support.